CN61 - The role of oncology nurses in treatment-related adverse event management: an international online survey

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BACKGROUND

- The continuing revolution in cancer care is paralleled by a growth in the range and complexity of treatment-related adverse events (TRAE)¹
- There are calls for expanded roles for nurses in the management of TRAE in order to reduce iatrogenic harm²
- Though nurses are increasingly moving to the centre of TRAE management, there is relatively little research on the subject from their perspective

OBJECTIVE

• We conducted an international online survey in order to assess nurses' perspectives on the management of TRAE and how it can be improved

METHODS

- The survey was hosted on bespoke software (4C-Research) and was provided in English, German, French, **Italian and Spanish**
- The survey was designed by gastrointestinal (GI)-cancer specialist nurses and targeted cancer nurses with a particular focus on GI-cancer specialists
- Six broad categories of questions were covered:
- respondent professional demographics
- assessment of persons responsible for TRAE management
- assessment of guidelines used in TRAE management
- assessment of training and confidence in TRAE management
- resources used to implement and improve TRAE management
- suggestions to improve future TRAE management
- Dissemination was via:
- social media platforms
- the educational group GI Nurses CONNECT
- databases provided by the medical education company COR2ED
- professional nursing bodies

RESULTS

Demographics

- The survey was live between July 7th and August 12th 2021
- The majority of the 217 respondents were from the United states (n = 139; 64.1%), followed by Europe (n = 63; 29.0%), Central and South America (n = 10; 4.6%), and other countries (n = 6; 2.8%)
- College degrees or diplomas (n = 76; 35.0%) were the most common qualifications, followed by undergraduate degrees (n = 69; 31.8%), Masters degrees (n = 44; 20.3%), Technical degrees (n = 8; 3.7%) and other qualifications (n = 14; 6.5%)
- Most respondents worked with outpatients (n = 166; 76.5%) or inpatients (n = 44; 20.3%)
- Medical oncology and specialist cancer nursing were the most common roles (Figure 1A)
- Almost half of respondents had been in their roles for more than 10 years (Figure 1B)
- Community oncology and cancer centres were the most common practice type (Figure 1C)
- Most nurses cared for more than 20 patients receiving cancer treatment per week (Figure 1D)
- In those respondents who treated GI cancers (89.4%; n = 194), 21.2% estimated that more than half of their patients had a GI cancer
- For nurses treating GI cancers:
- 94.3% treated colorectal cancer
- 83.5% treated gastroesophageal cancer
- 79.4 % treated liver cancer
- 87.6% treated pancreatic cancer
- 72.7% treated neuroendocrine cancers



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